

Table 58a

Second largest expenditure on IT-based innovation activities for innovators, by selected company characteristics: 2001

(Frequency)

Characteristic	Total	Second largest expenditure				Nonresponse	Not applicable
		Internal and external research	Acquiring hardware, software, IT technology	Protecting intellectual property	Other		
Innovators ¹	34,400	14,900	6,300	5,600	2,100	3,900	1,500
IT.....	7,000	2,300	2,500	800	300	600	600
Manufacturing.....	1,500	500	500	S	S	S	S
Communication.....	1,200	400	300	200	S	100	S
Computer related services.....	4,300	1,400	1,600	500	S	S	300
Non-IT.....	27,400	12,600	3,900	4,900	1,800	3,300	1,000
Manufacturing.....	15,300	7,800	S	S	S	S	S
Transportation & public utilities.....	3,700	1,400	S	S	S	800	S
Finance, insurance & real estate.....	6,900	2,800	S	1,200	S	1,000	S
Engineering & AAB services.....	1,500	600	300	300	S	200	S
By revenue size							
\$2.5M to \$4.9M.....	11,400	4,900	2,500	1,700	600	1,100	500
\$5M to \$9.9M.....	8,100	3,900	1,100	1,400	S	800	400
\$10M to \$24.9M.....	7,700	3,000	1,500	1,300	S	1,000	S
\$25M to \$50M.....	3,500	1,600	S	S	S	S	S
Above \$50M.....	3,700	1,500	600	S	S	S	S

¹ To be classified as an innovator, the company had to indicate that it had developed a product or process in the past 12 months or believed it would develop a product or process in the next 12 months as a result of IT-based innovation. The survey was conducted during the period July 2001–April 2002.

KEY: IT=information technology; AAB=accounting, auditing, bookkeeping; S=suppressed for reasons of reliability due to receiving less than 20 responses

NOTES: Responses are to question 19a: "In thinking about your company's activities in IT-based innovation, which one of the following, if any, would you say accounts for the next largest expenditure?" This question was only asked of innovators. Total nonresponse consists of item nonresponse and don't know responses. Not applicable represents those respondents who were not asked the question because they reported their largest expenditure as "Other" or "Don't know."

IT is defined as the hardware and software that support the production or use of computer-based information systems, the infrastructure necessary to access such information systems, or data processing services. Companies are classified as IT or Non-IT based on their 4-digit SIC number. IT Manufacturing includes companies with SICs of 3571-3579, 3651, 3661-3679, 3895, 3823-3826. IT Communication includes companies with SICs of 4812-4822, 4832, 4833, 4841-4899. IT Computer related services includes companies with SICs of 7371-7379. Non-IT Manufacturing includes companies with SICs of 2011-3569, 3581-3648, 3652, 3691-3694, 3699-3822, 3827-3999. Non-IT Transportation & public utilities includes companies with SICs of 4011-4231, 4412-4789, 4911-4971. Non-IT Finance, insurance & real estate includes companies with SICs of 6011-6036, 6081-6153, 6159, 6162-6799. Non-IT Engineering & AAB services includes companies with SICs of 8711, 8721.

SOURCE: National Science Foundation, 2001 Information Technology Innovation Survey.